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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	6	Application Number	10/614,586
		Filing Date	July 7, 2003
		First Named Inventor	Horii
		Group Art Unit	2853
		Examiner Name	Alfred E. Dudding
		Attorney Docket Number	09792909-5656

ENCLOSURES (check all that apply)

Transmitted herewith is Response to July 23, 2004 Final Office Action.
 The fee has been calculated as shown below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	4	-	33	0	<input type="checkbox"/> x \$9.00 <input type="checkbox"/> x \$18.00	\$0
INDEPENDENT CLAIMS	1	-	3	0	<input type="checkbox"/> x \$42.00 <input type="checkbox"/> x \$86.00	\$0
	APPLICATION AMENDED TO CONTAIN ANY MULTIPLE DEPENDENT CLAIMS NOT PREVIOUSLY PAID FOR.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> x \$140.00 <input type="checkbox"/> x \$280.00 ONE TIME	\$0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$0

Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated _____ by _____ month(s) for a fee of \$ _____ so that the period for response is extended to _____ under 37 C.F.R. § 1.321.

The amount of \$ _____ for the Terminal Disclaimer under 37 C.F.R. § 1.321 is included in the enclosed check.

The amount of \$ _____ for the Amendment under 37 C.F.R. § 1.312(b) is included in the enclosed check.

The enclosed credit card payment form to charge the amount of \$ _____ covers the extension fee.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Account No. 19-3140. A duplicate of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

14. Customer No. 26263

Dated: October 21, 2004

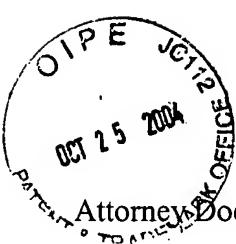
David Rozenblat, (Registration No. 47,044)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop After Final, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Dated: October 21, 2004

Roxanne M. Swartz



Attorney Docket No. 09792909-5656

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shinichi Horii et al.

Application No. 10/614,586

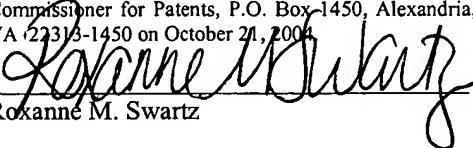
Filed: July 7, 2003

For: PRINT HEAD, MANUFACTURING
METHOD THEREFOR, AND
PRINTER

) Group Art Unit: 2853

) Examiner: Alfred E. Dudding

)
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Roxanne M. Swartz

Mail Stop After Final
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO JULY 23, 2004 FINAL OFFICE ACTION

Dear Sir:

This Amendment is submitted in response to the Final Office Action mailed July 23, 2004. Applicants respectfully request amendment of the patent application, and reconsideration and allowance of the pending claims.